PC*MILER Navigator 450 550

All-In-One GPS for Truck Drivers

User's Guide

Welcome

Thank you for choosing PC*MILER Navigator.

This guide will tell you everything you need to know about using PC*MILER Navigator.

SAFETY NOTE:

PC*MILER Navigator powered by CoPilot Truck is designed to calculate the most efficient and truck-specific route for you. However, some of the information in the database may change from time to time.

You must stay alert and pay attention to road signs at all times.

FOR YOUR SAFETY

It is your sole responsibility to use the product in a safe and responsible manner. You must obey local traffic laws, posted road signs and safety regulations. Do not operate the product while driving. ALK shall not be liable for any errors or omissions of either the map data or truck restrictions data contained in the product. You agree that the map data, the truck restrictions data and the routing may not be accurate. By using this product you accept the above and relieve ALK from any and all liability.

Getting Started

In the Box Checklist

Check the contents of your box. Box should contain:

- PC*MILER Navigator with pre-installed CoPilot Truck GPS Navigation Software
- QuickStart Guide
- User Manual
- Windshield Mount
- Truck Charger
- Mini USB Cable

PC*MILER Navigator

Quick Start Guide and User Manual

Mini USB Cable

Windshield Mount

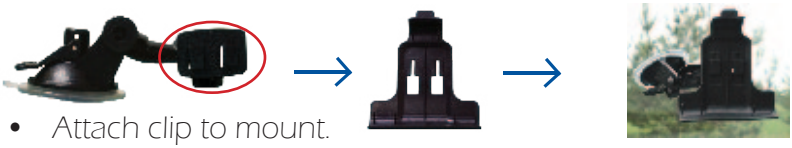
Truck Charger

Identification

SD Logo is a trademark.

Getting Started

Assemble the Windshield Mount



- Attach clip to mount.
- Before attaching to windshield ensure lever is in unlock position (up toward clip).
- Place mount against windshield.
- Put suction cup on windshield and press lever into lock position (**down** toward base of mount) to secure.

Attach the Truck Charger

- Connect USB end of charger to the USB port on the PC*MILER Navigator.
- Connect opposite end into truck power port.

Attach the Home Charger (sold separately)

- Connect USB end of charger to the USB port on the PC*MILER Navigator.
- Connect opposite end to outlet.

Getting Started

Preparing PC*MILER Navigator

The CoPilot Truck GPS Navigation software with street-level maps of United States and Canada comes pre-installed on your PC*MILER Navigator device. No additional installation necessary.

Switching On and Off

- Switch **on** PC*MILER Navigator. Hold down the power button for 3 seconds to turn the PC*MILER Navigator on.
- Switch **off** PC*MILER Navigator. Hold down the power button until unit displays '**Powering Off**'.

GPS Startup

The PC*MILER Navigator has an integrated GPS receiver. The first time you use the Navigator, the GPS receiver will take up to 10 minutes to determine your position.

To ensure ETA to your destination is accurate, select the correct time zone on your device.

- Select **Steering Wheel** (settings menu) > **Date/Time** > orange **Time Zone** button.
- Select the time zone of your current location.

Select Language and Voice

- Tap the desired language from the on-screen text, then tap **OK**.

- Tap the desired voice. Voices with an * will read street names. Then tap **OK**. (See page 47 for additional language and voice options.)

Set Units of Measure

- Choose desired units of measure by tapping between English/Imperial and Metric. (See page 48.)

Set Time Zone

- Choose desired time zone by scrolling through the list. Tap **OK**.

End User License Agreement

- Read the agreement for PC*MILER Navigator, Powered by CoPilot Software. Tap **Accept or Decline** after reading. (See page 74-80 for EULA.)

How to Scroll

- Read how to scroll and tap

Routing - Dimensions

- Personalized routing dimensions, Max Height, Max Width, Total Length and Total Weight/Axle, will be shown.

- To change personalized routing dimensions, tap desired dimension > enter dimension > tap **Save.**

- Continue entering personalized routing dimensions and tap

Routing - Hazmat

- Select personalized hazmat routing options and tap

Routing - Tolls

- Select personalized toll preferences and tap

Routing - More

- Select personalized routing preferences such as Scenic Route, National Network, 53ft Trailer, Override Restrictions, and International Borders Open then tap

Save Profile

- This step is OPTIONAL. To save the profile, enter a name and tap To skip, just tap without entering a name.

Warning

Read warning and tap **Accept.**

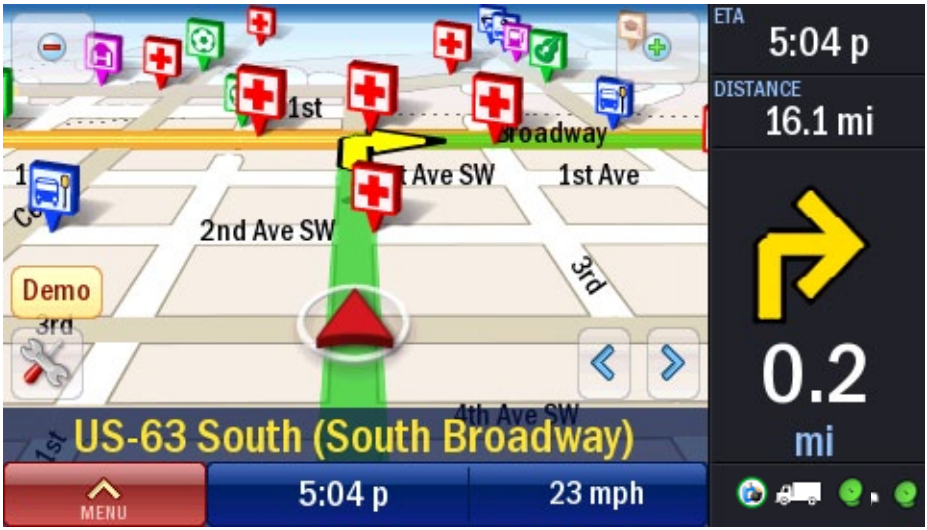
Tips: GPS Signal

GPS signal will be limited inside buildings, tunnels, or parking garages. To work effectively the PC*MILER Navigator should be mounted on the supplied windshield cradle for clear line of sight to the sky. **CAUTION**: In Minnesota, GPS systems can only be attached to the lower third of your windshield. (Minnesota statute: 169.71)

You are now ready for your first trip!

Guidance

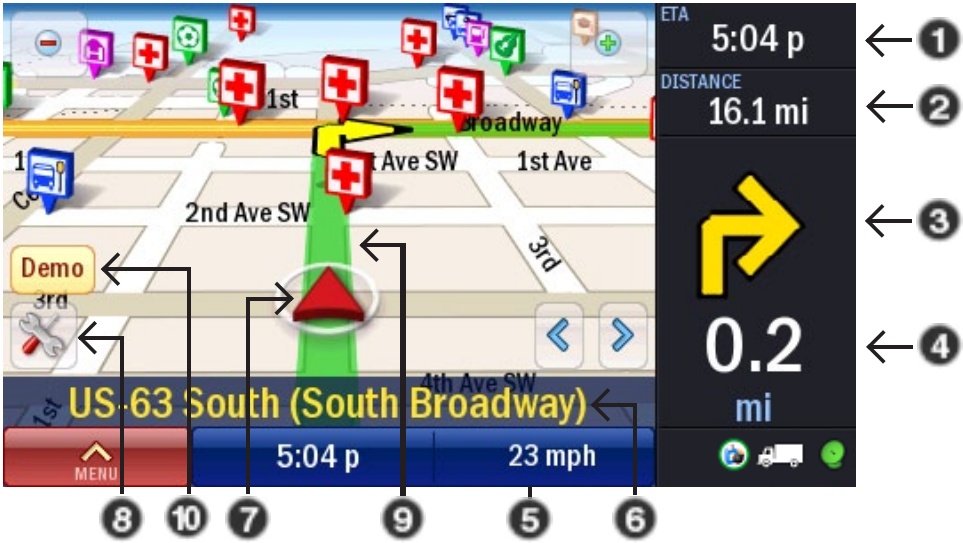
PC*MILER Navigator will guide you to your destination with clear on-screen and spoken instructions. Whenever you are approaching your next turn, PC*MILER Navigator will speak to you to alert you to the upcoming direction change. In the default mode, your screen will look like the one below.

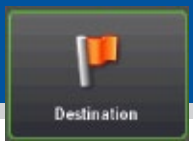


On Screen Information

By default your current location is displayed at the bottom of the map. You can choose what useful information is displayed at the base of your screen when you are driving. See Guidance section on page 57.

1. ETA
2. Distance to Destination
3. Next Turn Direction
4. Distance to Next Turn
5. Information Options
6. Approaching Turn
7. Current Position
8. Driving View Shortcut
9. Route Ahead Highlight
10. Demo Controls Button





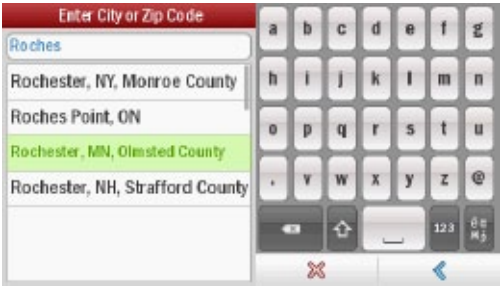
Destination

PC*MILER Navigator uses GPS satellites to calculate your exact position so you don't have to enter your starting point. Simply enter your destination and PC*MILER Navigator will take you there, providing detailed dock-to-dock voice instructions.

Address

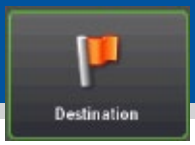
- Tap **Menu** > **Destination** > **Address**.
- Enter the city/town name or zip code of your destination.
- Scroll through the list by gently pressing the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. You will get the best results and smoother scrolling by using the stylus, although you can use your finger as well.

- Tap the correct city or area when it appears in the list below the city field.
- Enter the first three or four letters of the street name (Do not enter house/ building number, you will enter this on the next step). Select the correct street name when it appears.



- Enter the house/building number, select it, and tap **GO**.

Destination



Locate Points of Interest

PC*MILER Navigator not only guides you to your destination, but also knows all the useful places you might need on your journey.

- Tap **Menu** > **Destination** > **Points of Interest**.
- Select the desired search location: Nearby, In different city, or On my route:

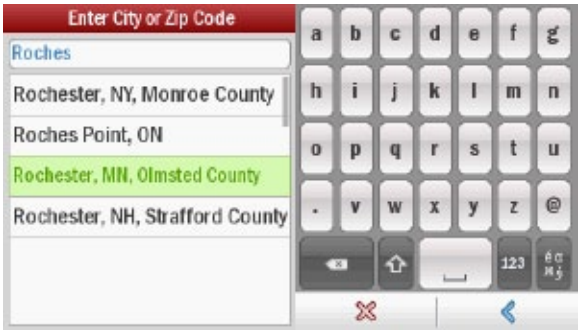
Nearby

- Tap desired category. (If category of choice does not appear, tap more categories on the lower right screen to display more options. Or, search by POI name by tapping the lower left search by name tab).

  For example tap truck Services > desired truck services from list, such as Highway Exit, Truck Services, Truck Stops, or Weigh Stations.

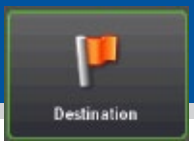
- Scroll through the list. Gently press the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. Once you have found the desired POI, tap the POI to select it. You will get more precise results and smoother scrolling by using the stylus.
- A details page will be displayed with POI address and map. Tap **GO**.
- Confirm destination by tapping **GO**.

In Different City



- Enter the city/town name or zip code of your destination.
- Scroll through the list by gently pressing the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. You will get the best results and smoother scrolling by using the stylus, although you can use your finger as well.
- Tap desired category. If category of choice does not appear, tap more categories on the lower right screen to display more options. Or, search by POI name by tapping the lower left search by name tab.

  For example tap Truck Services > desired truck services from list, such as Highway exit, Truck Services, Truck Stops, or Weigh Stations.
- Scroll through the list of POIs. Note that the distance listed here are measured from the approximate center of the city, not from your current location. Once you've found the desired POI, tap the POI to select it.



- A details page will be displayed with POI address and map. Tap **GO**.

- Confirm destination by tapping **GO**.

On my route

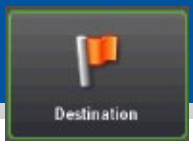
- Tap desired category. (If category of choice does not appear, tap more categories on the lower right screen to display more options or search by POI name by tapping the lower left search by name tab).

  For example tap Truck Services > desired truck services from list, such as Highway exit, Truck Services, Truck Stops, or Weigh Stations.

- Scroll through the list. Gently press the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. Once you have found the desired POI, remove pressure and tap the POI to select it. You will get more precise results and smoother scrolling by using the stylus.

- A details page will be displayed with POI address and map. Tap **GO**.

- Confirm destination by tapping **GO**.



Pick on Map

You can also select a destination from the map.

- Tap on **Menu** > **Destination** > **Pick on Map**.

  A map of the area around your current location will be displayed. Drag the screen to move around the map and tap your desired destination when you find it.

- Confirm destination by tapping **GO**.

Intersection

- Tap on **Menu** > **Destination** > **Intersection**.

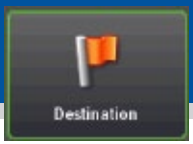
- Enter the name or zip code of the city of the keypad. Select the destination from the list when it appears.

- Enter the name of the first street and then select it from the list when it appears.

- A list of all known intersecting streets will appear. Select the desired street out of this list.

- Confirm destination by tapping **GO**.

Destination



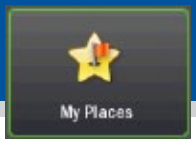
Coordinates

If you know the latitude and longitude of your destination you can enter them directly.

- Select **Menu** > **Destination** > **Coordinates**.
- Choose to set the latitude and longitude in either **Degrees Minutes Seconds**, **Decimal Degrees** or **Decimal Minutes**.
- Enter a latitude and longitude in the selected format. Tap >

PC*MILER Navigator will take a few moments to find the point. When the point has been located, a map will appear with the location pinpointed by a red flag.

- Confirm destination by Tapping **GO**.



My Places

Save your home, work, recent and favorite addresses so you don't have to enter them every time.

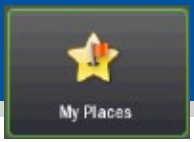
Home

- Tap on **Menu** > **My Places** > **Home**.
- Enter the city/town name or zip code of your home location.
- Scroll through the list. Gently press the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. Once you have found the desired location, remove pressure and tap the city to select it. You will get more precise results and smoother scrolling by using the stylus.
- Enter the first three or four letters of the street name (Do not enter house/building number, you will enter this on the next step). Select the correct street name when it appears.
- Enter the house/building number. Select the autofilled address to continue.
- Confirm destination by tapping **GO**.

Work

- Tap on **Menu** > **My Places** > **Work**.
- Enter the city/town name or zip code of your work location.

My Places



- Scroll through the list. Gently press the stylus to the list and do not remove pressure. Then move the stylus up and down to scroll the list. Once you have found the desired location, remove pressure and tap the city to select it. You will get more precise results and smoother scrolling by using the stylus.
- Enter the first three or four letters of the street name (Do not enter house/building number, you will enter this on the next step). Select the correct street name when it appears.
- Enter the house/building numbe. Select the autofilled address to continue.
- Confirm destination by tapping **GO**.

Recent

- Tap on **Menu** > **My Places** > **Recent**.
- Scroll through the list and tap the desired recent location.
- Confirm destination by tapping **GO**.

Favorites

- Tap on **Menu** > **My Places** > **Favorite**.
- Tap **Add New**

- Repeat address steps from destination section on page 13.

Routing

- Tap on **Menu** > **Truck** > **Routing**.

Routing - Dimensions

- Personalized routing dimensions, Max Height, Max Width, Total Length and Total Weight/Axle, will be shown.

- To change personalized routing dimensions, tap desired dimension > enter dimension > tap

Routing - Hazmat

- Select personalized hazmat routing options and tap

Routing - Tolls

- Select personalized toll preferences and tap

Routing - More

- Select personalized routing preferences such as Scenic Route, National Network, 53ft Trailer, Override Restrictions, and International Borders Open then tap

Save Profile

- To save profile enter a profile name and tap . Or, skip step and tap to continue.

Truck

Routing Profiles

- Tap on **Menu** > **Truck** > **Routing Profiles**
- Tap **New** to create new routing profile.
- Tap to scroll through saved routing profiles.
- Tap **Edit** to change prior saved routing profiles.
- Tap **Delete** to remove prior saved routing profiles.

State Mileage Logs

The PC*MILER Navigator will automatically track state fuel mileage for state fuel tax reporting when used for every trip. State mileage logs lists the mileage totals by state and month as recorded by the device.

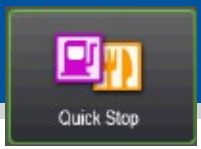
- Tap on **Menu** > **Truck** > **State Mileage Logs**

NOTE: For accurate reporting PC*MILER Navigator must be used for all trips.

Settings

To enable state mileage logging and to delete existing logs

- Tap on **Menu** > **Truck** > **Settings**



Quick Stop

Quick Stop helps you to quickly and easily locate a nearby truck service, gas station, restaurant, or hotel.

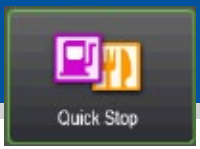
For example, when travelling on a long journey you can use the Quick Stop feature to help you search for a local hotel and call them using your phone.

Quick Stop

- Tap **Menu** > **Quick Stop.**
- Tap desired category from quick stop list (i.e. Truck services, Gas Station, Restaurant, or Hotel).
- Scroll through the list and tap the desired quick stop when it appears in the list.

Truck Services - Truck Stops
Cleanco Truck Wash & F/S (Roseville) 4.6
Quick Fuel (Eagan) 10.3
Holiday Station Store #318 (Eagan) 11.5
Kwik Trip #662 (Eagan) 11.5
Searching for POIs: 10mi
Cancel
Search by Name
Show Map

Quick Stop



- Tap **Show Map** to display all nearby facilities on a map. To return to the facilities list, select Show List.

- Tap **Search by Name** to type the name of a facility and select the one you want when it appears in the list. For example, to look for a specific hotel, begin to type 'Hil' then select 'Hilton' to add this hotel as a destination.

Search
M
Olmsted Sheriff's Dept 0.0
Rochester Law Enforcement Ctr 0.0
D'Uscio Livius Md 0.0
Just Rite Supermarket 0.1
a b c d e f g
h i j k l m n
o p q r s t u
. v w x y z @
123

- Tap **<** to stop searching for facilities.

Detours

You can program PC*MILER Navigator to make a detour around part of the calculated route.

Avoid Roads

- Tap **Menu** > **Detour** > **Avoid Roads**.

  An itinerary of your trip will appear. Tap on the road you would like to avoid.

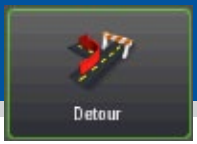
PC*MILER Navigator will take a few moments to plan an alternative to the selected road.

PC*MILER Navigator will display any change in distance and/or time the new route and display a map of the new route.

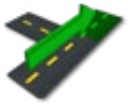
- Tap Accept and PC*MILER Navigator will begin directing you according to the new route.

- If you decide not to use the new route, tap **Clear** and try another route or tap **Cancel** and PC*MILER Navigator will then return to your original route.

Detour



Clear Avoided Roads



PC*MILER Navigator will save the details of roads you wish to avoid. To clear the memory:

- Tap **Menu** > **Detour** > **Clear Avoided Roads**.

Alternate Route

If you are unhappy with the whole route PC*MILER Navigator has planned for you:

- Tap **Menu** > **Detour** > **Alternate Route**.

  PC*MILER Navigator will compile a different route if a sensible alternative exists. A map of the proposed detour will be displayed. Tap **Accept** to agree or **Decline** to return to the previous route.

End Detour

If you are on a detour route and would like to return to the original trip.

- Tap **Menu** > **Detour** > **End Detour**.

Plan or Edit Trip

Entering Multiple Destinations

PC*MILER Navigator allows you to plan a trip with up to 50 destinations in one itinerary.

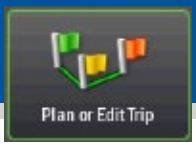
- Tap **Menu** > > **Plan or Edit Trip**.
- Tap ***Add Stop*** then tap desired category listed, for example ***Address***.
- Add the first address in the same way as detailed above; see address.

- Repeat these steps to add additional destinations.

Tips: Show on Map

If you select **Show on Map** from the pop-up menu, a map of the area around the selected stop will be displayed.
Tap to return to the trip list.

Plan or Edit Trip



Customize Your Trip

When you have entered all your destinations you can change the order they appear in.

- Tap the address you wish to move. A pop-up menu will appear containing a list of options: Set As Stop, Show on Map, Add to Favorites, Send This Location and the following icons:

Move to Top

Move to Bottom

Move Up

Delete

Move Down

- Tap the desired option. The selected stop will move to its new position in the trip list.

Plan or Edit Trip

Setting Waypoints

PC*MILER Navigator can route you through a certain point without considering it as a stop. By setting Waypoints you can adjust PC*MILER Navigator's route to calculate a detour via the waypoint.

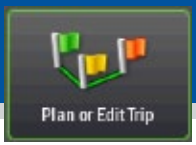
- Tap **Menu** > > **Plan or Edit Trip**.

  Enter the waypoint address or place in the same way detailed in **Selecting a Destination** on pages 13-18.

- The address will appear on the trip list as a stop, with a flag icon next to it.

- Tap the address and a pop-up menu will appear containing a list of options. Tap **Set as Waypoint.**

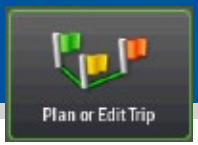
Plan or Edit Trip



The address will now be listed as a Waypoint, with an arrow icon rather than a stop to indicate that it is a Waypoint.

Tip: Make a Waypoint a Stop

To change a Waypoint back to a Stop, tap the address and select **Set as Stop** from the pop-up menu.



Save Trip

When you have finished entering all your destinations, you can save your trip to access at a later date, rather than start driving right away.

- Tap **Options** > **Save.**

- Enter a name for the trip you are saving. Tap **OK** and your trip will be saved.

Loading a Saved Tip

- Tap **Options** > **Load.**

- Tap the trip that you would like to load from the list then tap **Open** > **Go.**

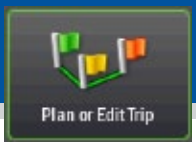
Delete a Planned Trip

To delete current planned trip:

- Tap **Options** > **Clear.**

  You will be asked to confirm this selection. To continue with deleting the trip select **Yes** in the **Warning - Are you sure?** menu.

Plan or Edit Trip



To delete previously saved planned trip:

- Tap **Options** > **Load**

- Tap the trip that you would like to delete from the list then tap **Delete. NOTE:** You will **NOT** be asked to confirm this selection.

Return Trip

Once you have completed your journey, use PC*MILER Navigator to guide you for your return.

- **Menu** > > **Plan or Edit Trip** > **Add Stop** > **Return Trip**

- Select Routing Type by tapping Practical or Shortest and select toll road preferences by using the up and down arrows and tap **OK.**

  NOTE: If you do not want to choose the routing type each time, check the box next to **Don't show this message again**.

- A route preview will be displayed. Tap **Go**.

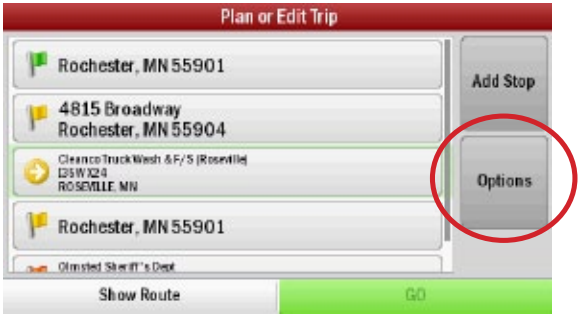
Plan or Edit Trip

Optimizing Stops

PC*MILER Navigator has an Optimize Stops function which will automatically rearrange the stops within a trip to create the most efficient order. When you have planned a trip with more than 3 stops:

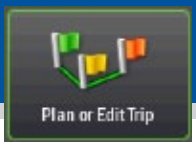
- Tap **Options** > **Optimize Stops**

  PC*MILER Navigator will take a few seconds to reorder your stops for the most efficient journey.



Tip: Your start point and final destination will not be altered. However, if you want the final destination to be included in the optimization, select **Options** > **Take Breaks** > check **Optimize Final Destination.**

Plan or Edit Trip



Estimated Fuel Costs

PC*MILER Navigator will estimate fuel costs for a trip.

- Tap **Options** > **Fuel Cost** > check **Show Estimated Fuel Cost.**

- Enter the average miles per gallon (average MPG) for your truck.

- Set currency and enter average cost per gallon.

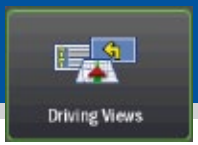
Take Breaks

PC*MILER Navigator can alert you to take a break at regular intervals during a trip.

- Tap **Options** > **Take Breaks**, the check **Take breaks during trip.**

  Break Every: Select how often you would like to take a break.

  Break For: Select the length of your breaks.



Driving Views

PC*MILER Navigator can be customized to meet your individual needs and style. You can choose from six different screen driving views. To access:

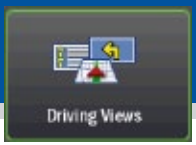
- Tap **Menu** > > **Driving Views** to choose from all six

  or tap the (driving views shortcut button) to quickly access four of the six views.

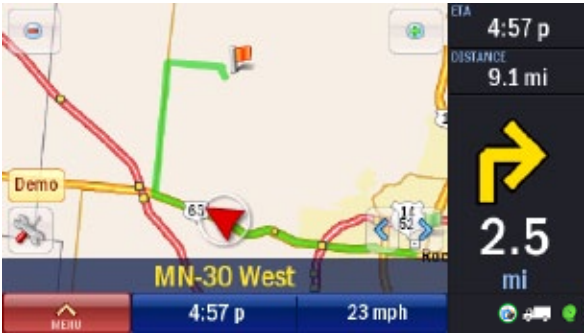
3D View

The 3D View displays your current position, next turn and surrounding roads using a birds eye view.

Driving Views



2D View

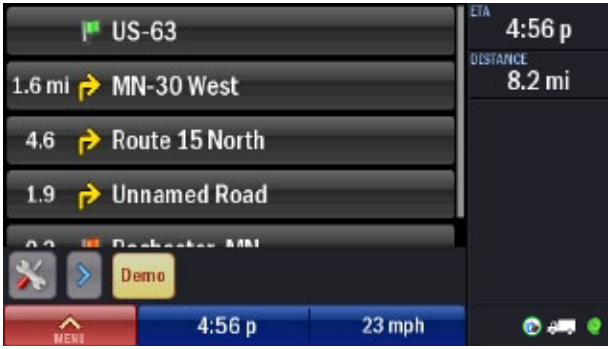


Driver Safety

The Driver Safety view displays a simple turn instruction arrow with concise next turn instructions in large type. In driver safety mode, a map is only displayed as you approach a turn or are traveling below 10 mph. We recommend you choose Driver Safety,

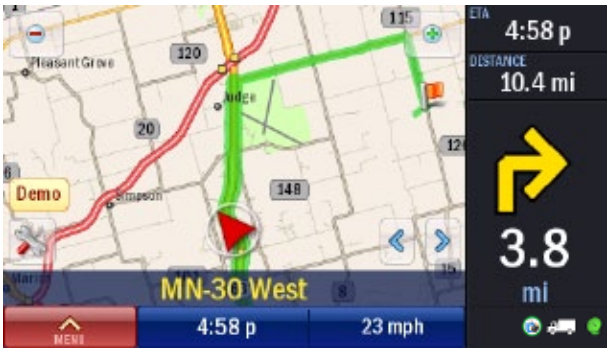
Itinerary

The Itinerary View shows each direction and turn in a written list, including distances.

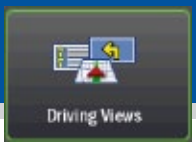


The 2D Next Turn

The 2D Next Turn view displays your current location and auto zooms into the next turn on a 2D map.

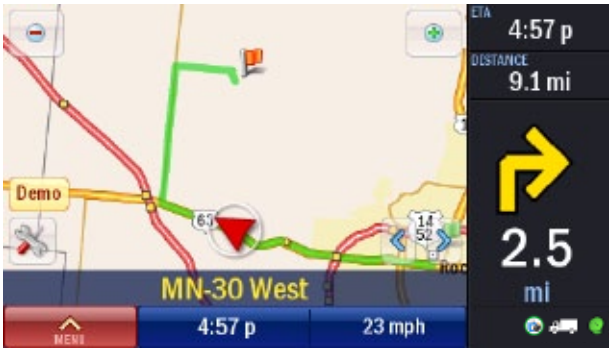


Driving Views



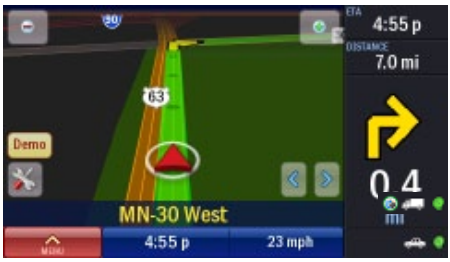
2D Destination

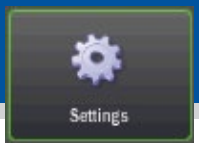
The 2D Destination view shows your route from your current position to your destination.



Day Map/Night Map

Lets you choose between a regular map for daytime driving and a map with a dark background that reduces glare for easier nighttime viewing. **NOTE**: Overrides automatic day/night mode.





Settings

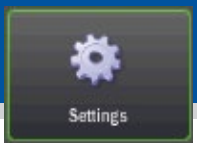
PC*MILER Navigator can be customized to meet your individual needs and style.

Routing

You can set up your routing preferences to best suit you.

- Tap **Menu** > > **Settings** > **Routing.**
- Tap the one of the New Routing Profile options: **Truck, Automobile, Motorcycle, Bicycle, or RV.**

  When option is selected tap
- To change personalized routing dimensions, tap desired dimension > enter dimension > tap
- Tap personalized hazmat routing options and tap
- Tap personalized toll preferences and tap.
- Select personalized routing preferences such as Scenic Route, National Network, 53ft Trailer, Override Restrictions, and International Borders Open then tap



- Save profile - This step is OPTIONAL - To save profile enter a profile name and tap . Or, skip step and tap to continue.

Map Styles

PC*MILER Navigator offers a range of map styles.

- Tap **Menu** > > **Settings** > **Map Styles.**

  To set a map style for the daytime, use the **Day** map style by toggling the up and down arrows.

  To set a map style for the nighttime, use the **Night** map style by toggling the up and down arrows.

PC*MILER Navigator will automatically switch between the day and night map styles you have selected when it starts to get light or dark outside.

Map Display

To adjust the map display of the PC*MILER Navigator:

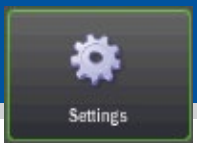
- Tap **Menu** > > **Settings** > **Map Display.**
- **Heading Up**: always be travelling upwards on the screen

  North Up: hold the map static as you travel along your route.

  Show Turn Restrictions: choose whether to display turn restrictions by checking or unchecking the box

- Tap **OK** to apply the settings and return to the Settings menu.

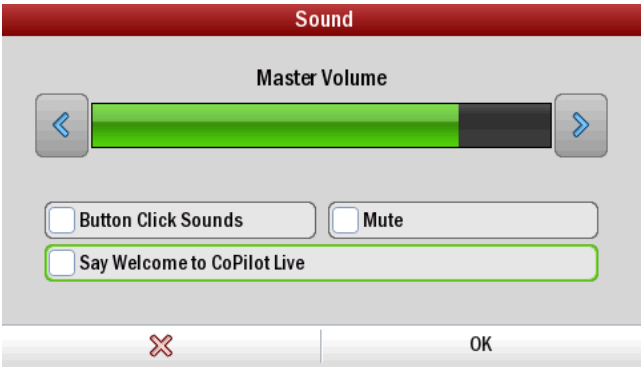
Settings



Sound

To adjust the sound of the PC*MILER Navigator:

- Tap **Menu** > > **Settings** > **Sound.**
- Increase and decrease the volume using the < and > arrows.
- Select box to **Mute** sound.
- Unselect **Button Click Sounds** to turn off click sound when you touch the screen.
- You will hear a, "Welcome to CoPilot Live" greeting when you launch you PC*MILER Navigator. Unselect "**Say Welcome to CoPilot Truck"** to stop greeting.
- Tap **OK** to apply the settings and return to the Settings menu.



GPS

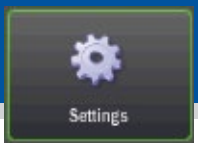
To check the GPS Status:

- Tap **Menu** > > **Settings** > **GPS.**

The GPS Status screen shows detailed information regarding the GPS fix and signal strength which your PC*MILER Navigator uses for guidance. From this screen you can see your current latitude or longitude position, the UTC time and date, your speed and your elevation (feet above sea level).

NOTE: Your GPS signal will be limited when the receiver is inside buildings, tunnels, or garages. To work effectively the GPS receiver needs to have a clear line of sight to the sky.

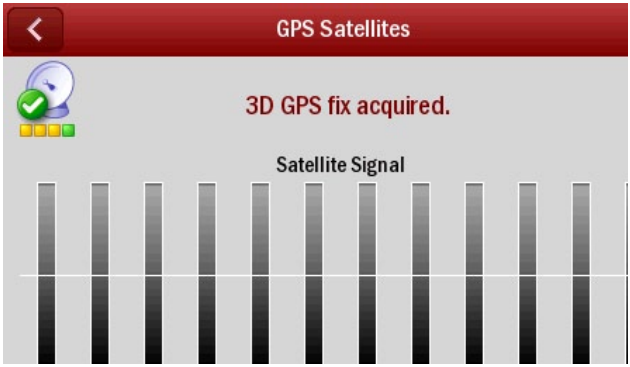
Settings



To check the GPS Satellites:

- Tap **Menu** > > **Settings** > **GPS** > **Satellites.**

  The GPS Satellites screen displays satellite signal stregnth and the type of GPS fix acquired.



NOTE: PC*MILER Navigator is ready out of the box and does not require GPS setup. DO NOT USE the GPS Setup menu without direction form Technical Support. Changing options in GPS Setup without direction from Technical Support may compromise the PC*MILER Navigator's ability to receive GPS signals.

POI Display

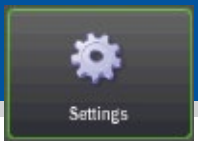
You can choose to have POIs shown on-screen and the distance at which you are notified by adjusting the POI settings.

- Tap **Menu** > > **Settings** > > **POI Display**.
- Tap box to choose to show POIs **Always**, **Never**, or **When Stopped.**
- To see or change which POI categories should be shown on the map, select **Currently Displayed POIs** > select specific POI categories to display by checking the boxes then tap **OK**.
- Tap **OK** to apply the settings and return to the Settings menu.

Turn Warnings

PC*MILER Navigator will warn you when you are approaching a turn either at 2 miles, 1 mile, 3/10 of a mile, or at turn.

- Tap **Menu** > > **Settings** > > **Turn Warnings**
- Tap box to choose to when you want the spoken warning.



- You can also choose how many seconds before a turn you want to be warned. Toggle seconds by tapping
- Tap **OK** to apply the settings and return to the Settings menu.

ClearTurn

PC*MILER Navigator can provide real sign post information displayed on your screen as an additional visual aid while on the road.

CoPilot ClearTurn provides a virtual view at complex junctions and motorway exits. The real sign post information and visual instructions displayed on the road highlight the turn and lane you need. Clear Turn is only available in 3D driving views.

- Tap **Menu** > > **Settings** > > **ClearTurn**
- Tap box to choose to when you to display ClearTurn Near exits.
- You can also choose how many seconds before a turn you want to be warned and when you would like the warning to be hidden. Toggle seconds by tapping

Language & Voice

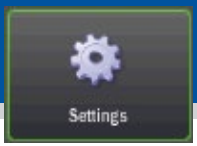
You can change the language used for all buttons, information and instructions displayed on-screen and spoken.

- Tap **Menu** > > **Settings** > > **Language & Voice.**
- Tap the desired language on-screen text.
- Tap **OK** to apply the settings.
- Tap the desired voice. Voices with an * will read street names. Tap **OK**.
- Tap **OK** to apply the settings and return to the Settings menu.

Day/Night Mode

Set your PC*MILER Navigator to use different map styles for Day and Night, or choose Automatic to switch between the day and night map styles you have selected.

- Tap **Menu** > > **Settings** > > **Day/Night Mode.**



Units of Measure

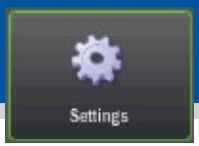
To set your preferences for the type of units used in maps and instructions:

- Tap **Menu** > > **Settings** > > > **Units of Measure.**
- Tap **English/Imperial or Metric.**
- Tap **OK** to apply the settings and return to the Settings menu.

Backlight

Adjust your mobile device's backlight settings to save battery power.

- Tap **Menu** > > **Settings** > > > **Backlight.**
- Tap **On with GPS**, **Always On**, **On Near Turn**, or **Use Device's Settings.**
- Tap **OK** to apply the settings and return to the Settings menu.



Info Bar

Once you've planned a journey and selected GO, PC*MILER Navigator will display a driving view with useful information about your journey in the Info Bar at the base of the screen.

You can decide how the information bar should be displayed and select what information is shown.

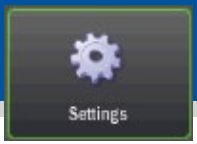
- Tap **Menu** > > **Settings** > > > **Info Bar.**

To decide how the information bar is displayed, choose from the following:

- **Single Display -** To show only one of the information options, for example your estimated time of arrival at a destination.
- **Dual Display -** Lets you select two information options, for example your estimated time of arrival and distance remaining to destination.
- **Loop Single Display -** Shows all information about your journey by displaying one option then rotating to another.

> **Tip:** In display mode you can also display the info bar by tapping on it.

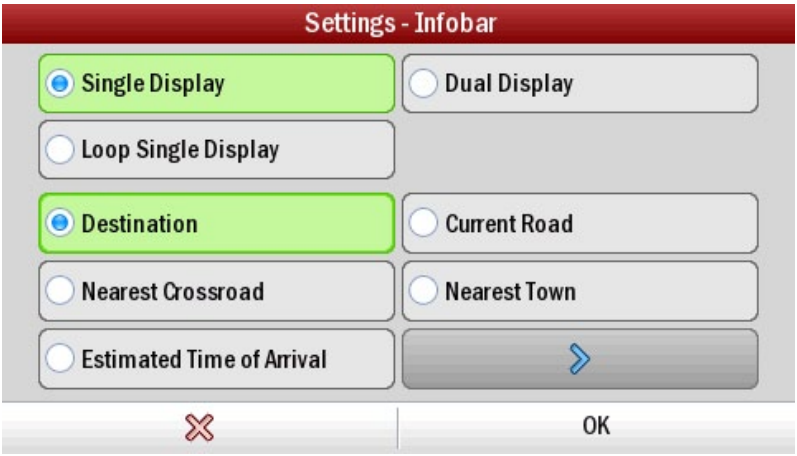
Settings

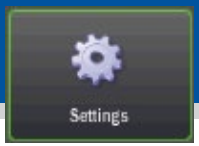


To decide what information is displayed, choose from the following:

- **Destination**
- **Nearest Crossroad**
- **Estimated Time of Arrival**
- **Estimated Travel Time**
- **Altitude**
- **Current Road**
- **Nearest Town**
- **Speed**
- **Distance Remaining**
- **Latitude/Longitude**

- Tap **OK** to apply the settings and return to the Settings menu.





Themes

Personalize the interface of your CoPilot Live by selecting a theme which best suits your personal taste in colors and styles.

- Tap **Menu** > > **Settings** > > > **Themes**

- Toggle themes by tapping
- Tap **OK** to apply the settings and return to the Settings menu.

Play Demo

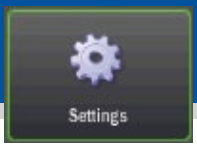
You can watch a demonstration to see how PC*MILER Navigator can guide you on your journey.

- Tap **Menu** > > **Settings** > > > >

  Play Demo

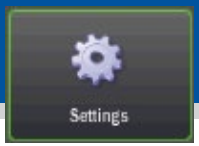
  Tap the icon on the map to open a panel of buttons that let you control the demo or track playback.

- Speed up the demo by tapping the **Faster** button or slow down by tapping the **Slower** button.
- Tap to go back to the beginning of the demo or track.



- Tap to go back to the most recent turn.
- Tap to pause.
- Tap to forward to the next upcoming turn.
- Tap to close the demo or track.
- Tap GPS Tracks to play back a previously completed trip.
  - Select the trip from the Track Playback list.
  - Tap **Play** to start playback.

- Tap **Slower** or **Faster** to control the speed or to close the track.



About CoPilot

To access the version and data number of your CoPilot Truck software,

- Tap **Menu** > > **Settings** > > > > >

  About CoPilot

Show More Settings

The first time you start PC*MILER Navigator, the settings for some of the more advanced features might be hidden. To view the hidden settings:

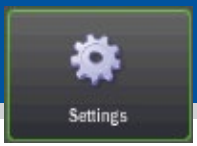
- Tap **Menu** > > **Settings** > > > > >

  Show More Settings.

The following additional settings will now be displayed:

- **POI Alerts**
- **Guidance**
- **Routing Profiles**
- **Data Region**
- **Manage POIs**
- **Speech**
- **GPS Track Playback**
- **Licensing**

To hide additional settings tap **Menu** > > **Settings** > > > > > > > **Show Fewer Settings**



POI Alerts

This option is only visible when Show More Settings is selected from the Settings menu. You can choose which POI categories should be displayed on screen and set the distance ahead to report for these by adjusting the POI Alerts.

- Tap **Menu** > > **Settings** > > **POI Alerts.**
- To display POI alerts, tick the box to **SHOW POI Alerts.**
- You can set the distance ahead to report for POIs using the arrow buttons
- Select whether to show POIs that are **On Route** or **Near Route.**

To choose which POI categories to display.

- Tap **Select POIs to Alert**
- Select specific POI categories to display by checking the boxes.
- Tap **OK** to apply the settings and return to the POI Alerts.
- Tap **OK** to apply the settings and return to the Settings menu.

Manage POIs

This option is only visible when Show More Settings is selected from the Settings menu. You can add or remove additional POIs to/from your PC*MILER Navigator, for example your favorite places, restaurants or other locations.

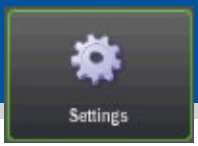
You can add your own POIs to existing POI categories or create your own personal categories.

- Tap **Menu** > > **Settings** > > **Manage POIs.**

Choose either **Edit POIs** or **POI Sets.**

Edit POIs

- Tap **Add** button.
- Choose to add an address, intersection, map location, coordinates, or return trip to your POI database.
- Select a POI category in which to place you new POI by tapping on it and tap
- Select a Type or create New Type and tap



- Enter a name for the category you are saving and tap **Continue.**

To Create a New Category:

- Tap **New Category** button.
- Enter a name for the category you are saving and tap
- Tap image you would like your new category to be displayed as and tap
- Enter a name for the Place you are saving and tap **Continue.**

To Create a New Type:

- Tap **New Type** button.
- Follow steps for creating new category above.

Edit POI Sets

This feature allows you to manage and edit POI data sets either created by yourself or purchased and downloaded to PC*M Nav through CoPilot Central

- Select the data list that you want to adapt and press the **Edit** button. You can edit a specific record or add another record following the same steps outlined in **Edit POIs**.

Guidance

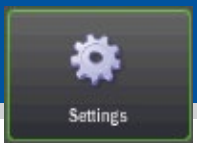
This option is only visible when Show More Settings is selected from the Settings menu. You can adjust the way PC*MILER Navigator guides you.

- Tap **Menu** > > **Settings** > > **Guidance.**

To decide the adjustments, choose from the following:

- **Turn After Next Distance-** Your PC*MILER Navigator shows the turning you should take after the next approaching turn. From the selection of distances, adjust the distance at which you would like to see the turn following the next turn to be displayed.
- **Walking Mode -** When you are using PC*M Nav while walking, check Display Breadcrumb to show a dotted line between your start and end destinations to help you navigate.

- Tap **OK** to apply the settings and return to the Settings menu.



Speech

This option is only visible when Show More Settings is selected from the Settings menu. PC*MILER Navigator provides help by speaking prompts such as "enter city or zip code." Text-to-Speech help is enabled by default. To remove the Text-to-Speech help function:

- Tap **Menu** > > **Settings** > > **Speech.**

Routing Profiles

This option is only visible when Show More Settings is selected from the Settings menu. Use routing profiles to choose how PC*MILER Navigator routes you on your journey.

- Tap **Menu** > > **Settings** > > > > > > **Routing Profiles.**

- Select a routing profile from the select Routing Profile list or create new routing profile. See page 22 to for instructions on creating a new routing profile.

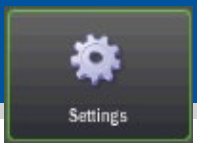
GPS Track Playback

This option is only visible when Show More Settings is selected from the Settings menu. PC*MILER Navigator automatically records your journeys as GPS Track files. You can playback a previously completed journey.

- Tap **Menu** > > **Settings** > > > > > > > **GPS Track Playback.**

- Select a track from the list by tapping on it then tap **PLAY**. See page 51 - 52 to demo playback instructions.

Settings



Licensing

This option is only visible when Show More Settings is selected from the Settings menu. To access the licensing information of your CoPilot Truck software. The licensing settings allow you to activate/deactivate license regions. (Currently only North American Data is available)

- Tap **Menu** > > **Settings** > > > > > **Licensing.**

Data Region

This option is only visible when Show More Settings is selected from the Settings menu. If you have maps for various regions, you can choose which maps to use depending on where you're travelling.

- Tap **Menu** > > **Settings** > > > > > **Data Region.**
- Tap Data Region
- Tap **OK** to apply the settings and return to the Settings menu.

Restore Default Settings

To restore your PC*M Nav. to its original factory settings.

- Tap **Menu** > > **Settings** > **Restore Default Settings**

All your settings will be cleared and reset. Your favorite and recent locations will not be deleted.

MapSure™

Stay up to date with MapSure™. CoPilot's MapSure service keeps you up to date with changes in the highway network by providing you with free updated maps of USA and Canada once per quarter.

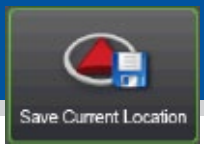
MapSure™ Updates

You can download the latest map update to your PC*MILER Navigator via a desktop computer using a free software program called CoPilot Central. Please visit www.pcmnav.com and click on the map updates or the MapSure™ quick link to install this software and for more information.

Report Road Changes

With MapSure™, you can also report changes and improvements to the road network which will be verified and added to the quarterly map updates. Visit http://www.alk.com/Maps/map_updates.asp to report a map change or update.

Save Current Location



You can save your current GPS location as a destination so you can enter it quickly next time. The following are examples of situations when the Save Current Location would be useful:

- Once you've parked, save the location so you can find your way back to your vehicle later.
- When you're travelling you can save the location of the hotel where you're staying.
- When you want to keep the location details of a memorable place, such as a great photo location, meeting point, or an attraction.

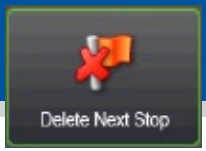
To save your current GPS Location:

- Tap **Menu** > > **Save Current Location.**

- Enter a name for the location you are saving and tap **OK.**

The location will be saved in your Favorites list.

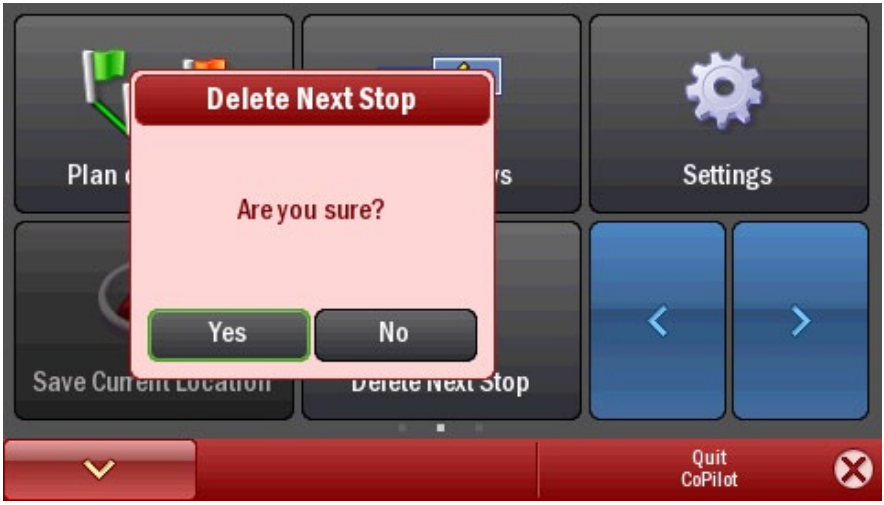
NOTE: A GPS fix is required to save current location.



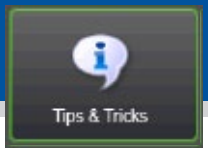
Delete Next Stop

Once you have planned a route and selected **GO** to start navigating, you may decide not to go on to your next planned destination. To delete the next destination on your journey:

- Tap **Menu** > > **Delete Next Stop**
- A pop up window will open asking if you are sure. Tap **yes** to delete next stop or **No** to cancel.



Tips & Tricks



PC*MILER Navigator is full of great features. To help you get to know them, we have included Tips and Tricks when you launch your PC*MILER Navigator the first time. (See page 9-11 for additional information on tips and tricks)

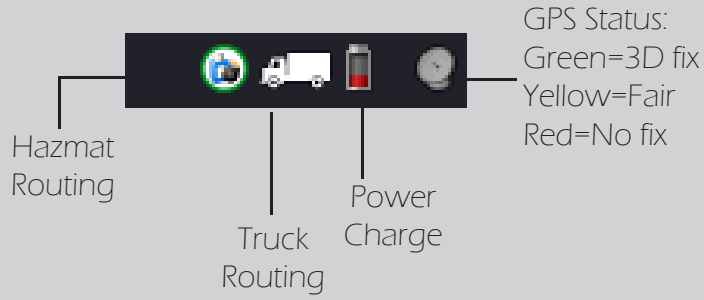
Additional information for CoPilot Live is available on the web at www.copilotlive.com/support. To find the online address easily

- Tap **Menu** > > > **Tips & Tricks**

ETAs and Distances

The estimated time of arrival (ETA) and the distance remaining are displayed on the right of the screen, no matter which driving view you have selected.

Tip: What are These?



SAFETY NOTE:

CoPilot Truck is designed as a tool to get you from Point A to Point B along the most efficient and truck-specific routes. However, some of the information in the database may change from time to time.

You must stay alert and pay attention to road signs at all times.

Support

Software Support

For any software related problems, please send an e-mail to **techsupport@alk.com** or call **408-916-9128**. For any map or routing problems, please visit **http://www.alk.com/maps/map_updates.asp** and provide as much detail as possible.

Hardware Support

For any hardware issues, relating to accessories or the unit itself: Please e-mail **pcmnavhwsupport@alk.com** OR call **507-226-0042**.

Our support team is available Monday to Friday 9:00am to 5:00pm EST.

E-mails will be answered within 1-2 business days.

Alternative Support Option

Visit the support section at **www.pcmnav.com**. For additional FAQs and contact details.

Register you CoPilot

You should register your PC*MILER Navigator solution at **www.alk.com/register** to receive information about the CoPilot Truck navigators software.

PC*MILER Routing Types

Practical Routes

Practical routes represent distances and driving routes that a driver would normally take to minimize time and cost. Practical routes model the trade-off between taking the most direct path and staying on major, high quality highways. Interstate highways are given a higher priority than toll roads, which, in turn, are given a higher priority than secondary highways, and so on.

PC*MILER Practical Routes consider distance, road quality, terrain, urban/rural classifications, truck-restricted roads, and designated principal and secondary through routes.

PC*MILER Practical Route mileage and state-by-state mileage breakdowns can be used to supplement your regular fuel tax reporting documents for many states. Many state audit departments have purchased licenses to incorporate PC*MILER Navigator into the their audit procedures.

Economic Routes

Economic routes favor major roads over local ones to optimize fuel mileage.

Shortest Routes

PC*MILER Shortest Routes represent distances and driving routes that a vehicle would take to minimize total distance traveled while still following a reasonable route. For instance, Shortest Route mileage and routes will also avoid truck-restricted roads and, in some cases, may favor a beltway rather than traveling directly through a city.

ALK believes, however, that carriers and shippers alike would all be better served by using a mileage tariff based on actual miles traveled (i.e. similar to those generated using the PC*MILER Practical Route Option), which would more accurately reflect true transportation costs.

PC*MILER Routing Types

National Network Routes

The National Network is a U.S. government-designated system of highways originally established by the Surface Transportation Assistance Act of 1982 (STAA). This routing option is based on the federally-designated National Network system updated in the April, 1992 Code of Federal Regulations, Part 658, Appendix A. The National Network includes the Interstate System (several minor segments are not included), and many selected U.S. and state highways. Highways continue to be added to the National Network by federal and state governments.

PC*MILER National Network routing represents distances and driving routes which are most reasonable and legal for the larger trucks authorized by the Surface Transportation Assistance Act of 1982.

National Network routing stays on the National Network to the maximum extent possible. Given that many areas are not directly served by the National Network, the origin and stop-offs of your route may not be on the National Network. In these cases PC*Miler will take the shortest reasonable path from the origin and stop-offs to the Network. Detailed Route Reports (driving directions) for PC*MILER National Network routes provide a warning wherever the route is forced to use a non-conforming link. These road segments should be checked before traveling, as National Network mileage tends to be higher than Shortest or Practical mileage.

These designated highways permit, at a minimum, 102" wide, single 48 ft. trailers and 28 ft. double trailers. The interstate system and most, but not all, remaining designated routes are open to 80,000 pound vehicles. Certain states, notably Arkansas and Mississippi, have designated certain National Network segments with less than an 80,000 pound capacity.

In addition to the national Network highways, access routes and access policies are components of routing STAA dimensioned trucks. The Federal government has mandated that no state may prohibit travel from the National Network for a minimum of one road mile unless safety restrictions apply. Additionally, no state may deny reasonable access to terminals and facilities for food, fuel, repairs, and rest.

PC*MILER Routing Types

Several states maintain more generous access policies and lists of specifically designated access routes to terminals and facilities. (For detailed information about pre-approved access routes, contact the individual states.) Should you need to travel beyond the National Network and the access roads, you must acquire the proper permit.

NOTE:
These suggested National Network routing are based on official highway maps, the Code of Federal Regulations. Suggested National Network routing is based on information provided by state governments. It is provided without warranty of any kind. **The user assumes full responsibility for any delay, expense, loss, or damage which may occur as a result of its use.**

53 Foot Trailer Routing

Because every mile equals money, PC*MILER now offers enhanced routing specifically for 53'/102" trailers. The calculations for these routes are based on National Network routing, with the addition of roads that permit 53'/102" trailers.

Detailed Route reports for PC*MILER 53' Trailer routes now provide a warning wherever the route is forced to use a non-conforming link (a red exclamation point also appears in the route window for the generated route).

Heavy/Light Vehicle Routing (Override Restrictions)

In addition to the five basic route types, the Heavy and Light Vehicle routing option is also a critical setting. A "heavy vehicle" is one weighing at least 80,000 pounds; a "light vehicle" weighs less than 80,000 pounds.

When **Override Restrictions** is left unchecked, Heavy Vehicle routing will be in effect, so both truck-prohibited and truck-restricted roads will always be avoided. In addition, Heavy Vehicle routing takes nationwide 13' 6" height restrictions into account.

Override Restrictions is part of the standard routing profile setup.

PC*MILER Routing Types

Toll Roads Routing

If **Avoid If Possible** is checked, PC*MILER Navigator will avoid long stretches of toll roads but won't take long, impractical detours, to avoid toll bridges and tunnels. Example: a trip from Boston, MA to Albany, NY avoids the Massachusetts Turnpike, but a trip from Camden, NJ to Philadelphia, PA includes a toll bridge.

International Borders Open Routing

If this option is checked, the calculated trip will ignore international boundaries (Canada and Mexico) when necessary to generate the best route. If this option is not checked the calculated trip will never cross international boundaries. For example, if all your stops are in the United States, the route will stay in the U.S. even though the most practical or shortest route would involve some Canadian mileage.

Hazmat Routing

PC*MILER Navigator calculates routes for hazardous materials based on over thirty different road categories. Hazmat route options include: **General**, **Caustic**, **Explosives**, **Flammable**, **Inhalants**, and **Radioactive**. To calculate normal (non-hazmat) PC*MILER routes, select **None**. The table in Appendix B on the next two pages shows how each PC*MILER hazmat route type handles each hazmat road category.

Hazardous Material Route Types & Road Categories

PC*MILER Navigator calculates routes for hazardous materials based on over thirty different road categories. The table below and on the next page shows how each PC*MILER hazmat route type handles each hazmat road category.

Favor = routing will prefer these segments
Avoid = routing will go around these segments whenever possible
No Change = routing will not be altered in any way
Discourage = a lesser degree of avoidance, used when a state or road authority allows hazmat only at certain times of day, with prior notification, by permit, or in limited quantities, and for tunnels not otherwise classified.

PC*MILER Routing Types

#	Hazmat Routing Category	PC*MILER HazMat Routing Type						Detailed Route Report Restriction Column Text	Map's HazMat Restriction Legend
		General	Caustic	Explosives	Flammable	Inhalants	Radioactive		
0	None	no change	no change	no change	no change	no change	no change		none
1	Alternate	favor	favor	favor	favor	favor	favor		Desig/Pref/Alt
2	Preferred	favor	favor	favor	favor	favor	favor		Desig/Pref/Alt
3	Designated	favor	favor	favor	favor	favor	favor		Desig/Pref/Alt
4	Prohibited	avoid	avoid	avoid	avoid	avoid	avoid	Prohibited	Prohibited
5	Restricted	discourage	discourage	discourage	discourage	discourage	discourage	Restricted	Restricted
6	Unused	-	-	-	-	-	-	-	-
7	Explosive Designated	no change	no change	favor	no change	no change	no change		Desig Expl
8	Inhalant Designated	no change	no change	no change	no change	favor	no change		Desig Inhal
9	Explosive & Inhalant Designated	no change	no change	favor	no change	favor	no change		Desig/Pref/Alt
10	Tunnel	discourage	discourage	discourage	discourage	discourage	discourage	Tunnel	Restricted
11	Tunnel & Alternate	favor	favor	favor	favor	favor	favor		Desig/Pref/Alt
12	Tunnel & Preferred	favor	favor	favor	favor	favor	favor		Desig/Pref/Alt
13	Tunnel & Designated	favor	favor	favor	favor	favor	favor		Desig/Pref/Alt
14	Tunnel & Prohibited	avoid	avoid	avoid	favor	avoid	avoid	Proh. Tunnel	Prohibited
15	Tunnel & Restricted	discourage	discourage	avoid	avoid	avoid	avoid	Restr. Tunnel	Restricted
16	Unused	-	-	-	-	-	-	-	-
17	Unused	-	-	-	-	-	-	-	-
18	Caustic, Explosive, Flammable & Radioactive Prohibited	no change	avoid	avoid	avoid	no change	avoid	Many Commodities Prohibited	Some Cmds Prohib.
19	Explosive Restricted	no change	no change	no change	no change	no change	no change	Expl. Restr.	Restricted
20	Unused	-	-	-	-	-	-		none
21	Explosive & Flammable Prohibited	no change	no change	avoid	avoid	no change	no change	Expl. & Flam. Prohibited	Some Comds Prohib.
22	Radioactive Preferred	no change	no change	no change	no change	no change	favor		Desig Rad
23	Radioactive Designated	no change	no change	no change	no change	no change	favor		Desig Rad
24	Radioactive Prohibited, Explosive Restricted	no change	no change	discourage	no change	no change	avoid	Rad. Prohib. Expl. Restr.	Some Cmds Prohib.
25	Radioactive Prohibited	no change	no change	no change	no change	no change	avoid	Rad. Prohib.	Some Cmds Prohib.
26	Escort Needed	no change	no change	no change	no change	no change	no change	Escort	none
27	Unused	-	-	-	-	-	-		none
28	Explosives, Inhalant & Radioactive Designated	no change	no change	favor	no change	favor	favor		Desig/Pref/Alt
29	Radioactive & Explosive Designated	no change	no change	favor	no change	no change	favor		Desig/Pref/Alt
30	Radioactive & Explosive Prohibited	no change	no change	avoid	no change	no change	avoid	Rad. & Expl. Prohib.	Some Cmds. Prohib.
31	Radioactive & Explosive Restricted	no change	no change	discourage	no change	no change	discourage	Rad. & Expl. Restr.	Restricted

Note: U.S. hazardous material routing restriction/designation information taken from *The National Hazardous Materials Route Registry* provided by the Federal Motor Carrier Safety Administration (FMCSA); and various other state and federal sources. Canadian hazmat data derived from government and municipal sources in each Province and Territory, and includes hazmat restrictions for major Canadian bridges and tunnels.

Icon Legend

Truck-Specific Icons Legend

Truck-Routing

Hazmat-Routing

Truck-Restricted

Hazmat-Restricted

Route-Length Warning

Route -Weight Warning

Route-Width Warning

Route-Height Warning

Truck Services

Border Crossing

General POI Icons Legend

Airport

Auto Dealership

ATM

Attractions

Bank

Border Crossing

Icon Legend

- Bus Station
- Entertainment
- Event Facility
- Ferry Terminal
- Gas Station
- Grocery Store
- Hotels
- Marina
- Medical
- Municipal
- Other
- Place of Worship
- Parking
- Railway Station
- Rest Area
- Restaurant
- Retail
- Rent a Car
- Schools & Universities
- Sports & Recreation
- Truck Services
- Vehicle Repair

Trouble Shooting

WHAT IS THE SD CARD SLOT FOR?

Memory card slot may be used for future map updates.

WHY WON'T MY UNIT TURN ON?

The power button must be held down for 3 seconds for the unit to turn on. If that does not work, check the power. Does the battery need to be charged? When connected to the power cord does the charging light come on? If the unit still does not turn on, press the reset button on the back of the unit.

WHY AM I UNABLE TO GET A GPS SIGNAL OR FIX?

The very first time you use the navigator, it can take up to 10 minutes to initialize the GPS. After the first time, GPS reception should start within 1 minute of turning on the device. If the navigation device has been switched off for more than 1 week, the next initialization can take up to 5 minutes. For the GPS to properly receive satellite data it needs a clear view of the sky. The most common limitations to receiving GPS signals are urban canyons, tunnels and metallic surfaces. Most of the time, this is not an issue. If you are experiencing difficulty, place your unit near the rearview mirror.

WHY IS THE NIGHT MODE NOT WORKING?

The Night map style maybe set to a Day map style (See page 40 to set the Night map style).

Trouble Shooting

MY DEVICE IS STUCK ON A BLANK SCREEN WITH A "+" SIGN?

This is the calibration screen. Using the stylus (stored in the back of the device), please touch the exact middle of the "+" it will move to the top left of the screen, again, please touch the exact middle of the "+" sign with the stylus. Keep following the "+" sign and touching the center of it, until the screen goes white and the menu screen returns to the view.

WHY DOES MY UNIT SOMETIMES MISS ANOUNCING THE STREET NAME?

When one turn immediately follows another, the name of the second street is not announced. This is to ensure you have the information needed to make the correct turn.

WHAT IS THE DIFFERENCE BETWEEN SEARCHING FOR A POI NEARBY AND SEARCHING FOR A POI NEAR A DESTINATION?

POI nearby searches for destinations located within a given radius of your current location. This feature is useful for locating destinations such as the next gas station or closest hospital. POI near a destination searches for destinations located within a given radius of a specific location. This feature is helpful for planning trips and does not require satellite reception.

Additional FAQs can be found on www.pcmnav.com.

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This device complies with Part 15 of the FCC Rules, operation is subject to the following conditions:

1. This device may not cause harmful inference
2. This device must accept any interference received, including interference that may cause undesired operation.

For updated EULA information, if any, please check www.alk.com/legal

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